Section 9 Occupant Protection, 2001

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Note:

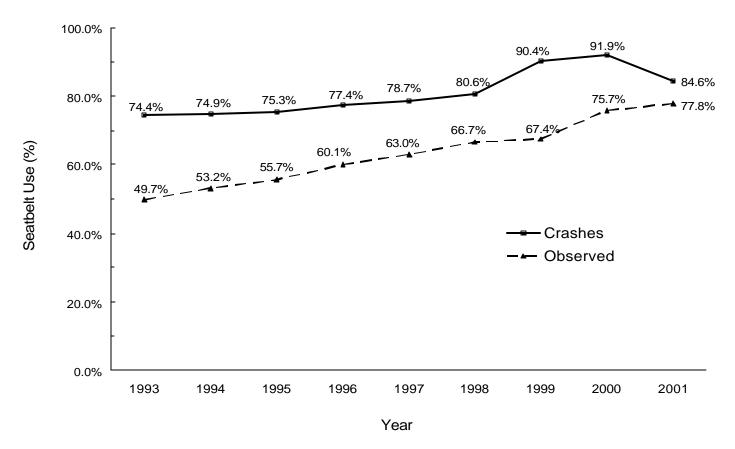
Seatbelt Use - Seatbelt use is reported for occupants in a passenger car, a light truck or van. Occupants are coded as wearing a seatbelt if they reported using a shoulder/lap belt, lap belt or a child safety seat (occupants using only a shoulder strap were reported to be unbelted) at the scene of the crash. In the majority of cases, seatbelt use as recorded by the investigating officer is self-reported by the crash occupant. It is possible that crash occupants may report using a seatbelt when they were not, in order to avoid a citation or fine, thus over-inflating the seatbelt use rate. In the case of fatal or severe injury crashes, the officer will determine the seatbelt use.

Observational Study - Each year the Utah Department of Public Safety's Highway Safety Office conducts a seatbelt usage observational study. Study sites are located throughout the state where trained observers can record seatbelt use for drivers and front seat passengers of slow moving or stopped vehicles. According to the 2001 study, 77.8% of Utah's drivers and front seat passengers were buckled up and 89.0% of children under the age of 10 years were restrained while riding in a motor vehicle.

Occupant Protection 1993-2001

Figure 9.01 compares the percentage of seatbelt use reported in crashes to observational studies for drivers and front seat passengers. Seatbelt use by drivers and front-seat passengers has increased most years in both crash and observational studies. The difference between crash seatbelt use rates reported by crash participants or the investigating officer at the crash scene, and observed seatbelt use rates, may be due to over-reporting of seatbelt use by crash participants at the scene of a crash.

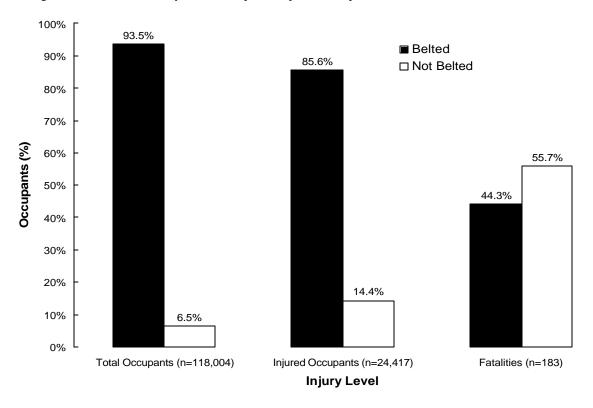
Figure 9.01 Percentage of Drivers and Front Seat Passengers Wearing Seatbelts in Crashes and Observational Studies, Utah 1993 - 2001



Seatbelt Use

Statewide seatbelt use for all crash occupants (including back seat occupants) as reported to crash investigating officers is shown in Figure 9.02. The majority (93.5%) of occupants involved in a crash and the majority (85.6%) of the injured occupants reported using a seatbelt. Only slightly more than two-fifths (44.3%) of the fatally injured occupants were belted. Seatbelts are an important safety feature; occupants who were not wearing a seatbelt were 17 times more likely to sustain a fatal injury than occupants who were wearing a seatbelt.

Figure 9.02 Seatbelt Use by Total Occupants, Injured Occupants, and Fatalities, Utah 2001



Seatbelt Use by Age and County

Table 9.01 shows the self-reported seatbelt use of occupants by age and county. Davis County had the highest percentage of seatbelt use (96.0%), while Grand had the lowest percentage of seatbelt use (79.4%).

Table 9.01 Seatbelt Use by Age and County, Utah 2001

| | Seatbelt | | | | | | A | Age Group | | | | | | | | |
|-----------|----------|---------|---------|---------|---------|---------|---------|-----------|-------|-------|-------|-------|-----|---------|--------|---------|
| County | Use | 00 - 04 | 02 - 09 | 10 - 14 | 15 - 19 | 20 - 24 | 25 - 29 | 30-39 | 40-49 | 50-59 | 69-09 | 70-79 | +08 | Unknown | Total | Percent |
| Beaver | Belted | 28 | 22 | 33 | 28 | 09 | 36 | 99 | 62 | 45 | 23 | 18 | 7 | 3 | 480 | 89.2% |
| | Unbelted | 1 | 2 | 4 | 18 | 11 | 4 | 9 | 8 | 1 | 2 | 0 | 0 | 1 | 58 | 10.8% |
| Box Elder | Belted | 9/ | 70 | 79 | 415 | 272 | 117 | 227 | 223 | 116 | 83 | 48 | 16 | 33 | 1,775 | 90.1% |
| | Unbelted | 4 | 6 | 17 | 54 | 36 | 18 | 30 | 13 | ∞ | S | 0 | 1 | 1 | 196 | %6.6 |
| Cache | Belted | 184 | 143 | 146 | 1,095 | 918 | 428 | 482 | 489 | 264 | 149 | 110 | 28 | 55 | 4,521 | 92.1% |
| | Unbelted | 3 | 4 | 26 | 108 | 105 | 41 | 27 | 30 | 12 | 15 | 5 | 3 | 6 | 388 | 7.9% |
| Carbon | Belted | 30 | 21 | 24 | 135 | 78 | 63 | 69 | 62 | 51 | 37 | 27 | 11 | 16 | 624 | 88.1% |
| | Unbelted | 2 | 4 | 0 | 33 | 18 | 2 | 6 | 33 | 5 | 2 | 4 | 0 | 2 | \$ | 11.9% |
| Daggett | Belted | 2 | 0 | 2 | 5 | 5 | 3 | 5 | 8 | 4 | 4 | 2 | 1 | 1 | 42 | 93.3% |
| | Unbelted | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 6.7% |
| Davis | Belted | 551 | 402 | 391 | 2,676 | 1,567 | 903 | 1,440 | 1,207 | 716 | 360 | 240 | 66 | 117 | 10,669 | %0.96 |
| | Unbelted | 10 | 14 | 27 | 126 | 88 | 46 | 20 | 37 | 20 | 14 | 10 | 8 | S | 450 | 4.0% |
| Duchesne | Belted | 32 | 26 | 30 | 102 | 77 | 43 | 104 | 75 | 42 | 35 | 21 | 2 | 15 | 604 | 84.7% |
| | Unbelted | 1 | 2 | 5 | 47 | 18 | 7 | 12 | 6 | 3 | 2 | 2 | 1 | 0 | 109 | 15.3% |
| Emery | Belted | 20 | 16 | 16 | 109 | 55 | 47 | 2 | 20 | 52 | 34 | 17 | 7 | 14 | 501 | 87.7% |
| | Unbelted | 3 | 1 | 5 | 22 | 6 | 7 | 4 | 12 | 2 | 2 | 1 | 1 | 1 | 70 | 12.3% |
| Garfield | Belted | 7 | 3 | 7 | 37 | 25 | 29 | 14 | 22 | 27 | 12 | 5 | 2 | 10 | 200 | 87.0% |
| | Unbelted | 2 | 1 | 2 | 5 | 5 | 5 | 2 | 2 | 1 | 2 | 1 | 2 | 0 | 30 | 13.0% |
| Grand | Belted | 12 | 7 | 18 | 47 | 69 | 29 | 42 | 4 | 29 | 21 | 16 | B | 10 | 347 | 79.4% |
| | Unbelted | 0 | 2 | S | 20 | 25 | 12 | 10 | ∞ | 4 | 0 | 2 | 2 | 0 | 8 | 20.6% |
| Iron | Belted | 26 | 51 | 55 | 350 | 294 | 156 | 165 | 152 | 141 | 69 | 38 | 25 | 30 | 1,623 | 86.2% |
| | Unbelted | 4 | 9 | 14 | 85 | 51 | 16 | 23 | 20 | 12 | 14 | 9 | 3 | 5 | 259 | 13.8% |
| Juab | Belted | 25 | 30 | 27 | 82 | 63 | 43 | 65 | 62 | 37 | 29 | 16 | ∞ | 17 | 504 | 83.2% |
| | Unbelted | 2 | 2 | 6 | 36 | 14 | 7 | 10 | 7 | 5 | 5 | 2 | 1 | 2 | 102 | 16.8% |
| Kane | Belted | 14 | 17 | 23 | 37 | 42 | 25 | 41 | 30 | 30 | 18 | 8 | 2 | 7 | 294 | 88.8% |
| | Unbelted | 2 | 2 | 1 | 10 | 6 | 3 | 4 | 3 | 2 | 0 | | 0 | 0 | 37 | 11.2% |
| Millard | Belted | 41 | 27 | 39 | 138 | 111 | 61 | 8 | 74 | 61 | 35 | 38 | 11 | 2 | 732 | 90.1% |
| | Unbelted | 0 | 2 | 1 | 34 | 16 | 9 | 6 | 4 | 1 | 2 | 4 | 1 | 0 | 80 | 6.6% |
| | | | | | | | | | | | | | | | | |

Table 9.01 Seatbelt Use by Age and County, Utah 2001 (continued)

| | Seatbelt | | | | | | | Age Group | | | | | | | | |
|------------|----------|---------|---------|---------|---------|---------|---------|-----------|--------|-------|----------|-------|-------|---------|---------|---------|
| County | Use | 00 - 04 | 02 - 00 | 10 - 14 | 15 - 19 | 20 - 24 | 25 - 29 | 30-39 | 40-49 | 50-59 | , 69-09 | 62-02 | 1 +08 | Unknown | Total | Percent |
| Morgan | Belted | 7 | 2 | 13 | 65 | 35 | 15 | 29 | 27 | 13 | 12 | 4 | 2 | 4 | 228 | 91.6% |
| | Unbelted | 0 | 1 | 0 | 8 | 9 | _ | 4 | 0 | 0 | _ | 0 | 0 | 0 | 21 | 8.4% |
| Piute | Belted | 2 | 3 | 2 | 9 | 9 | 3 | 4 | 6 | 4 | 2 | 7 | 2 | 1 | 51 | 86.4% |
| | Unbelted | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | ∞ | 13.6% |
| Rich | Belted | 6 | 5 | S | 25 | 30 | 10 | 19 | 24 | 10 | 8 | 9 | 1 | 8 | 160 | 86.6% |
| | Unbelted | 0 | 0 | 1 | 6 | 3 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 18 | 10.1% |
| Salt Lake | Belted | 2,101 | 1,484 | 1,403 | 9,367 | 8,101 | 5,070 | 7,418 | 5,851 | 3,593 | 1,638 | 1,016 | 495 | 811 | 48,348 | 95.3% |
| | Unbelted | 50 | 71 | 76 | 999 | 532 | 216 | 304 | 206 | 123 | 43 | 34 | 6 | 46 | 2,397 | 4.7% |
| San Juan | Belted | 15 | 8 | 15 | 64 | 19 | 30 | 20 | 52 | 39 | 30 | 20 | 4 | 12 | 400 | 85.5% |
| | Unbelted | 1 | 2 | 4 | 26 | 13 | 3 | 8 | 1 | 9 | 3 | 0 | 0 | 1 | 89 | 14.5% |
| Sanpete | Belted | 33 | 23 | 31 | 164 | 93 | 35 | 85 | 80 | 58 | 24 | 56 | 10 | 13 | 675 | 85.0% |
| | Unbelted | 3 | 1 | 5 | 53 | 18 | 10 | 4 | 6 | 2 | 9 | _ | 4 | c | 119 | 15.0% |
| Sevier | Belted | 31 | 23 | 24 | 104 | 130 | 79 | 06 | 68 | 20 | 38 | 26 | 6 | 20 | 713 | 82.6% |
| | Unbelted | 5 | 2 | 8 | 46 | 26 | 16 | 19 | 11 | 4 | 3 | 3 | 0 | 7 | 150 | 17.4% |
| Summit | Belted | 55 | 38 | 20 | 261 | 240 | 162 | 252 | 236 | 127 | 59 | 33 | 4 | 26 | 1,543 | 93.2% |
| | Unbelted | 2 | 1 | 5 | 37 | 16 | 9 | 6 | 16 | ∞ | ω | 2 | 0 | 7 | 112 | %8.9 |
| Tooele | Belted | 63 | 46 | 31 | 191 | 169 | 104 | 180 | 167 | 26 | 50 | 4 | 10 | 53 | 1,205 | 90.1% |
| | Unbelted | 2 | 4 | 9 | 27 | 24 | 17 | 15 | 11 | 11 | 2 | 4 | 2 | 8 | 133 | 6.6% |
| Uintah | Belted | 40 | 14 | 40 | 196 | 66 | 58 | 97 | 85 | 2 | 31 | 22 | 6 | 11 | 992 | 81.5% |
| | Unbelted | 2 | 10 | 19 | 48 | 35 | 13 | 21 | 14 | 1 | 9 | - | 2 | 2 | 174 | 18.5% |
| Utah | Belted | 948 | 531 | 521 | 3,596 | 3,820 | 1,821 | 2,209 | 1,469 | 974 | 534 | 362 | 153 | 336 | 17,274 | 93.0% |
| | Unbelted | 20 | 41 | 59 | 408 | 313 | 116 | 129 | 83 | 46 | 38 | 15 | 13 | 28 | 1,309 | 7.0% |
| Wasatch | Belted | 55 | 31 | 34 | 148 | 135 | 97 | 145 | 118 | 83 | 32 | 13 | 13 | 29 | 933 | 92.5% |
| | Unbelted | 33 | 4 | 4 | 20 | 15 | 9 | 10 | 5 | 5 | 1 | 1 | 1 | 1 | 9/ | 7.5% |
| Washington | Belted | 190 | 136 | 141 | 266 | 542 | 278 | 449 | 419 | 290 | 194 | 191 | 108 | 86 | 4,033 | 90.1% |
| | Unbelted | 10 | 13 | 28 | 145 | 74 | 29 | 53 | 28 | 16 | 21 | 15 | 10 | 1 | 443 | %6.6 |
| Wayne | Belted | 4 | 3 | 9 | ∞ | ∞ | 10 | 7 | 10 | 10 | 7 | 9 | 2 | 4 | 85 | 85.9% |
| | Unbelted | 0 | 2 | 0 | 2 | B | 1 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 14 | 14.1% |
| Weber | Belted | 494 | 303 | 335 | 2,346 | 1,711 | 1,029 | 1,528 | 1,338 | 817 | 477 | 376 | 146 | 143 | 11,043 | 94.6% |
| | Unbelted | 17 | 12 | 21 | 161 | 144 | 55 | 86 | 71 | 22 | 14 | 15 | 9 | 6 | 633 | 5.4% |
| Statewide | Belted | 5,166 | 3,485 | 3,541 | 22,853 | 18,816 | 10,784 | 15,430 | 12,534 | 7,844 | 4,045 | 2,756 | 1,220 | 1,899 | 110,373 | 93.5% |
| | Unbelted | 149 | 215 | 373 | 2,257 | 1,632 | 664 | 864 | 613 | 320 | 207 | 131 | 99 | 140 | 7,631 | 6.5% |

Seatbelt Use by Gender, Age and Occupant Placement

Female and male crash occupants reported similar seatbelt use (approximately 90%). For injured occupants and fatally injured occupants, the reported seatbelt use was greater for females than for males. However, the reported seatbelt use for fatalities was almost half of that for total crash occupants regardless of gender (Table 9.02).

Table 9.02 Seatbelt Use by Gender, Utah 2001

| | Seatbelt | Total Oc | ccupants | Injured (| Occupants | Fata | lities |
|--------------------|----------|----------|----------|-----------|-----------|------|--------|
| Gender | Status | # | % | # | % | # | % |
| Female | Belted | 52,075 | 94.2% | 12,300 | 88.1% | 38 | 47.5% |
| | Unbelted | 3,214 | 5.8% | 1,665 | 11.9% | 42 | 52.5% |
| Male | Belted | 58,246 | 93.0% | 8,598 | 82.3% | 43 | 41.7% |
| | Unbelted | 4,417 | 7.0% | 1,844 | 17.7% | 60 | 58.3% |
| Total | Belted | 110,321 | 93.5% | 20,898 | 85.6% | 81 | 44.3% |
| | Unbelted | 7,631 | 6.5% | 3,509 | 14.4% | 102 | 55.7% |
| Grand Total | | 117,952 | 100.0% | 24,407 | 100.0% | 183 | 100.0% |

Note: Gender was not recorded for all occupants.

Reported seatbelt use did not vary substantially by seating location (Table 9.03). Among total, injured, and fatally injured occupants, drivers reported the highest seatbelt use compared to other seating locations.

Table 9.03 Seatbelt Use by Occupant Placement, Utah 2001

| | Seatbelt | Total Oc | ccupants | Injured C | Occupants | Fa | talities |
|----------------------|----------|----------|----------|-----------|-----------|-----|----------|
| Placement | Status | # | % | # | % | # | % |
| Driver | Belted | 75,594 | 94.5% | 14,088 | 88.0% | 57 | 49.1% |
| | Unbelted | 4,423 | 5.5% | 1,921 | 12.0% | 59 | 50.9% |
| Front Seat Passenger | Belted | 19,940 | 90.9% | 4,562 | 81.7% | 20 | 45.5% |
| | Unbelted | 1,993 | 9.1% | 1,025 | 18.3% | 24 | 54.5% |
| Back Seat Passenger | Belted | 14,839 | 92.4% | 2,258 | 80.0% | 4 | 17.4% |
| | Unbelted | 1,215 | 7.6% | 563 | 20.0% | 19 | 82.6% |
| Total Belted | | 110,373 | 93.5% | 20,908 | 85.6% | 81 | 44.3% |
| Total Unbelted | | 7,631 | 6.5% | 3,509 | 14.4% | 102 | 55.7% |
| Grand Total | | 118,004 | 100.0% | 24,417 | 100.0% | 183 | 100.0% |

Seatbelt use varied slightly by age (Table 9.04). For total occupants, children under the age of 5 years had the highest rate of reported seatbelt use (97.2%), whereas, the age group 10 to 14 years (90.5%) and teenagers aged 15 to 19 years (91.0%) reported the lowest percentage of seatbelt use. Among injured occupants, the age group 55 to 59 years reported the highest seatbelt use (93.8%) and those aged 10 to 14 years reported the lowest (79.3%). For fatally injured occupants, the age groups 5 to 9 years and over 85 years reported to have the highest seatbelt use (100%) and those aged 10 to 14 years the lowest (0%).

Although the reported seatbelt or child safety seat use rate for children under the age of 10 years was often one of the highest for all age groups, it does not indicate that children were properly restrained. Unfortunately, several statewide surveys have found that child safety seats are often placed incorrectly in vehicles. In addition, young children are often moved to adult sized seatbelts prematurely when a booster seat is more appropriate. (see page 9.11 for Safety Recommendations).

Table 9.04 Seatbelt Use by Age Group, Utah 2001

| | Total C | Occupants | Injured (| Occupants | Fata | alities |
|--------------|---------|-----------|-----------|-----------|-------|----------|
| Age Category | Total | % Belted | Total | % Belted | Total | % Belted |
| 00 - 04 | 5,315 | 97.2% | 657 | 91.9% | 6 | 33.3% |
| 05 - 09 | 3,700 | 94.2% | 685 | 83.1% | 1 | 100.0% |
| 10 - 14 | 3,914 | 90.5% | 811 | 79.3% | 4 | 0.0% |
| 15 - 19 | 25,110 | 91.0% | 4,996 | 79.5% | 31 | 29.0% |
| 20 - 24 | 20,448 | 92.0% | 4,396 | 82.1% | 22 | 45.5% |
| 25 - 29 | 11,448 | 94.2% | 2,435 | 87.6% | 16 | 50.0% |
| 30 - 34 | 8,769 | 94.6% | 1,816 | 88.1% | 15 | 53.3% |
| 35 - 39 | 7,525 | 94.8% | 1,591 | 88.2% | 10 | 20.0% |
| 40 - 44 | 7,202 | 95.0% | 1,518 | 89.6% | 15 | 33.3% |
| 45 - 49 | 5,945 | 95.7% | 1,309 | 91.4% | 7 | 42.9% |
| 50 - 54 | 4,951 | 95.8% | 1,117 | 91.0% | 15 | 86.7% |
| 55 - 59 | 3,213 | 96.5% | 694 | 93.8% | 6 | 16.7% |
| 60 - 64 | 2,386 | 95.6% | 543 | 92.1% | 6 | 50.0% |
| 65 - 69 | 1,866 | 94.6% | 436 | 89.0% | 5 | 60.0% |
| 70 - 74 | 1,567 | 95.6% | 340 | 92.4% | 8 | 50.0% |
| 75 - 79 | 1,320 | 95.3% | 336 | 92.9% | 9 | 44.4% |
| 80 - 84 | 827 | 95.5% | 195 | 91.3% | 4 | 50.0% |
| 85 + | 459 | 93.7% | 142 | 89.4% | 2 | 100.0% |
| Missing | 2,039 | 93.1% | 400 | 83.0% | 1 | 100.0% |
| Grand Total | 118,004 | 93.5% | 24,417 | 85.6% | 183 | 44.3% |

Children and Restraint Use

The proportion of children under the age of 9 years who were reported as unbelted increased with increasing age (Table 9.05) The majority of children under the age of 2 years (85.6%) were in child safety seats at the time of the crash, compared to 58.9% of children aged 2 to 4 years. Children under the age of 2 years were 4 times more likely to be in a child safety seat than children between the ages of 2 to 4 years. The majority (94.3%) of children between the ages 5 to 8 years were belted or in a child safety seat. Child safety seat usage was highest for children in the back seat; children in the back seat were 4 times more likely to be in a child safety seat than children in the front seat.

Utah's Child Restraint Law requires all children under the age of 19 years to be properly restrained when riding in a motor vehicle. In addition, children age 4 years and under must be restrained in a child safety seat (see page 9.11 for Safety Laws and Recommendations).

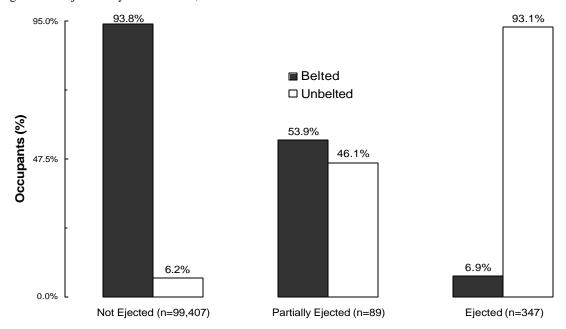
Table 9.05 Seating Location and Restraint Status for Children Under Age 9 Years, Utah 2001

| | | Ages | 0 - 1 | Ages | 2 - 4 | Ages | 5 - 8 | |
|------------------|--------------------|-------|--------|-------|--------|-------|--------|-------|
| Seating Location | on Seatbelt Status | # | % | # | % | # | % | Total |
| Front Middle | Child Safety Seat | 26 | 70.3% | 26 | 28.0% | 5 | 4.9% | 57 |
| | Other Belted | 7 | 18.9% | 60 | 64.5% | 77 | 75.5% | 144 |
| | Unbelted | 4 | 10.8% | 7 | 7.5% | 20 | 19.6% | 31 |
| Front Right | Child Safety Seat | 83 | 72.2% | 97 | 34.4% | 18 | 3.0% | 198 |
| | Other Belted | 25 | 21.7% | 156 | 55.3% | 519 | 87.1% | 700 |
| | Unbelted | 7 | 6.1% | 29 | 10.3% | 59 | 9.9% | 95 |
| Back Seat | Child Safety Seat | 1,569 | 86.7% | 1,848 | 62.1% | 258 | 11.1% | 3,675 |
| | Other Belted | 220 | 12.2% | 1,040 | 35.0% | 1,982 | 84.9% | 3,242 |
| | Unbelted | 20 | 1.1% | 86 | 2.9% | 94 | 4.0% | 200 |
| Total | Child Safety Seat | 1,678 | 85.6% | 1,971 | 58.9% | 281 | 9.3% | 3,930 |
| | Other Belted | 252 | 12.9% | 1,256 | 37.5% | 2,578 | 85.0% | 4,086 |
| | Unbelted | 31 | 1.6% | 122 | 3.6% | 173 | 5.7% | 326 |
| Grand Total | | 1,961 | 100.0% | 3,349 | 100.0% | 3,032 | 100.0% | 8,342 |

Ejection by Seatbelt Use

Figure 9.03 shows an inverse relationship between ejection from a motor vehicle and seatbelt use. The majority (93.1%) of the occupants ejected from a motor vehicle were reported as not using a seatbelt, compared to only 6.2% of occupants not ejected from a motor vehicle.

Figure 9.03 Ejection by Seatbelt Use, Utah 2001



Ejection Status

Air Bags

Table 9.06 shows the age of occupants whose air bag deployed and the percentage belted. A majority of the total and injured occupants whose air bag deployed were wearing a seatbelt. However, only 62.5% of fatalities whose air bag deployed were wearing a seatbelt.

Table 9.06 Percentage of Seatbelt Use for Occupants Whose Air Bag Deployed, Utah 2000

| rubic 9:00 refeem | | | | O 4 | | |
|-------------------|-------|----------|-------|-----------|-------|----------|
| | | ccupants | ŭ | Occupants | | lities |
| Age Category | Total | % Belted | Total | % Belted | Total | % Belted |
| 00 - 04 | 8 | 87.5% | 3 | 100.0% | 0 | 0.0% |
| 05 - 09 | 17 | 88.2% | 15 | 86.7% | 0 | 0.0% |
| 10 - 14 | 35 | 82.9% | 22 | 86.4% | 0 | 0.0% |
| 15 - 19 | 441 | 89.3% | 278 | 88.1% | 4 | 50.0% |
| 20 - 24 | 496 | 89.1% | 304 | 86.2% | 1 | 100.0% |
| 25 - 29 | 238 | 92.9% | 153 | 91.5% | 0 | 0.0% |
| 30 - 34 | 144 | 88.9% | 89 | 85.4% | 0 | 0.0% |
| 35 - 39 | 132 | 90.9% | 83 | 90.4% | 2 | 0.0% |
| 40 - 44 | 115 | 91.3% | 63 | 88.9% | 1 | 100.0% |
| 45 - 49 | 107 | 92.5% | 72 | 91.7% | 0 | 0.0% |
| 50 - 54 | 97 | 88.7% | 65 | 86.2% | 0 | 0.0% |
| 55 - 59 | 52 | 92.3% | 37 | 91.9% | 1 | 100.0% |
| 60 - 64 | 44 | 97.7% | 31 | 96.8% | 1 | 0.0% |
| 65 - 69 | 44 | 88.6% | 34 | 85.3% | 1 | 0.0% |
| 70 - 74 | 39 | 92.3% | 26 | 92.3% | 2 | 0.0% |
| 75 - 79 | 37 | 100.0% | 24 | 100.0% | 1 | 100.0% |
| 80 - 84 | 16 | 81.3% | 9 | 77.8% | 2 | 50.0% |
| 85 + | 11 | 100.0% | 8 | 100.0% | 0 | 0.0% |
| Missing | 33 | 90.9% | 20 | 85.0% | 0 | 0.0% |
| Grand Total | 2,106 | 90.4% | 1,336 | 88.6% | 16 | 62.5% |

Safety Restraint Laws And Recommendations

Safety Restraint Use Law

Utah law requires all motor vehicle occupants to be wearing a seatbelt when traveling in a motor vehicle. The purpose of this law is to protect Utahns from needless death and injury and reduce taxpayer costs resulting from traffic collisions. The law is a secondary law which means a person may be issued a citation only when the police officer has stopped the vehicle for another reason. Any person who violates this law is subject to a fine of \$45, reduced to \$15 upon completion of a traffic safety educational class. Exceptions to the law include, delivery personnel, rural letter carriers, persons driving vehicles used for farm purposes, individuals in motor vehicles manufactured before July 1, 1966, and individuals with physically disabling or medical condition which would prevent appropriate use of a safety belt. Visitors from outside Utah are also required to wear a seatbelt when traveling in Utah. The law is primary for drivers and passengers under age 19 years. Children age 4 years and under must ride in an approved child safety seat and children aged 5 to 19 years must ride in an approved child safety seat or seatbelt. This is a primary law which means a law enforcement officer can stop a vehicle if he/she notices children are not properly restrained. A fine can be issued solely for not restraining a child under the age of 19 years and violators will be subject to a fine of not more than \$45. The first offense shall be dismissed if the driver shows proof of acquiring a child safety seat or seatbelt. The driver is responsible for unrestrained occupants under the age of 16 in the vehicle , whether or not they are the parents of the unrestrained child.

Child Safety Seat Recommendations

- Infants should be placed in a rear facing child safety seat until they are at least 20 pounds AND 1 year of age.
- Children over 1 year of age weighing 20 40 pounds should ride in forward facing child safety seats.
- Older children (approximately 4-8 years of age) should ride in belt-positioning booster seats until they are approximately 80 pounds and can use an adult-size lap and shoulder belt system.
- Avoid using secondhand child safety seats especially if it does not have the original instruction booklet, if it has been used in a crash, if it does not have the manufacturer's date and model number on it, or if it is more than six years old.
- If your car has lap/shoulder combination belts, it could be critical to use a locking clip to properly secure your safety seat to the car. Consult the vehicle owner's manual.
- The safest place for any child age 12 and under is in the back seat of the vehicle.
- Children should never be held on an adult's lap. The force of the collision would tear a child from the adult's arms. If the adult is not wearing a safety belt, the child could be crushed between the adult's body and the dashboard.

Seatbelt Recommendations

- Always use both the lap and shoulder belt. When worn properly, the shoulder belt should fit across the collar bone and the lap belt should fit low over the hips.
- Never place the shoulder strap under your arm or behind your back.
- Use belt-positioning booster seats for children who have outgrown their toddler safety seat (at about 4 years of age and 40 pounds). Booster seats help position an adult-size seatbelt for a safer fit on children.

Air Bag Safety Recommendations

- NEVER place a rear facing child safety seat in the front seat of a vehicle with a passenger side air bag.
- Place children age 12 years and younger in the back seat in an age and size-appropriate child safety seat or seatbelt.
- If you are the driver, keep 10 12 inches between you and the steering wheel.
- Move the front passenger seat as far back as possible.
- Shorter drivers, who cannot get 10 inches from the steering wheel and still comfortably reach the pedals can purchase pedal extender (call (813) 932-8566 for more information).
- Air bags are "supplemental" to seatbelts. Be sure you and your passengers use both the lap and shoulder portion of the seatbelt and children ride in appropriate child safety restraints in the back seat.
- If you MUST disconnect your vehicle's air bag contact Utah Highway Safety at (801) 293 -2480 or log onto the National Highway Traffic Safety Administration website at http://www/nhtsa.dot.gov for information.